



LETTER OF TRANSMITTAL

TO: Howard Ladner

FROM: Jennie Agerton
678-808-8843

ADDRESS: US Army Corps of Engineers – Mobile District
P.O. Box 2288
Mobile, AL 36628-0001

DATE: 4/26/06

PHONE: 251-694-3664

RE: ALJ03-03372-C
Spanish Fort Bluff
Stabilization Permit Request

SENDING	TRANSMITTED	VIA
<input type="checkbox"/> ORIGINALS	<input type="checkbox"/> FOR SIGNATURE	<input type="checkbox"/> HAND DELIVERY
<input type="checkbox"/> PRINTS	<input type="checkbox"/> FOR YOUR USE	<input type="checkbox"/> U.S. MAIL
<input type="checkbox"/> COMPUTER DISKS	<input type="checkbox"/> AS REQUESTED	<input checked="" type="checkbox"/> FED EX
<input checked="" type="checkbox"/> DOCUMENTS	<input checked="" type="checkbox"/> FOR REVIEW AND COMMENT	<input type="checkbox"/> COURIER
<input type="checkbox"/> OTHER	<input type="checkbox"/> OTHER	<input type="checkbox"/> OTHER

Message:

Mr. Ladner

Enclosed is the Pre-Construction Notification for Jurisdictional Number ALJ03-03372-C, Federal Emergency Management Agency (FEMA) Pre-Disaster Hazard Mitigation Grant Program, Spanish Fort, Alabama Bluff Stabilization Project PDM-PJ-04-AL-2003-006. Please do not hesitate to contact me if you should have any questions or comments at 678.808.8843.

Sincerely,

Jennie Agerton
Ecologist

CC: File
Mayor Joseph Bonner (City of Spanish Fort)
Brett Bowen (FEMA)



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, MOBILE DISTRICT
CORPS OF ENGINEERS
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001

June 1, 2006

Inland Branch
Regulatory Division

SUBJECT: Nationwide Permit Authorization - Jurisdictional Number SAM-2006-698-HWL

Mayor Joseph Bonner
City of Spanish Fort
Post Office Box 7226
Spanish Fort, Alabama 36577

Mayor Bonner:

Reference is made to your request to temporarily impact jurisdictional wetlands located along Highway 98 in order to stabilize bluffs adjacent to the Highway. Specifically, the property is located at and adjacent to 30°39.81' North Latitude and 87°54.86' West Longitude along Highway 98 in Spanish Fort, Baldwin County, Alabama.

This letter verifies that your proposed bluff stabilization is already authorized by Nationwide Permit 33 in accordance with 33 CFR Part 330 of our regulations. NWP No. 33 and its associated Regional and General Conditions can be accessed at our website at www.sam.usace.army.mil/RD/reg/ or, at your request, a paper copy will be provided to you. Further authorization from this office is not required provided the scope of work is in accordance with your submitted plans, the Nationwide Permit conditions, and the following specific conditions. The impacted wetlands (ditch) are to be restored to pre-project elevation and will be allowed to re-vegetate with appropriate wetland plants. Should the area not recover to pre-project conditions within one year upon completion of the project, the applicant will be required to replant the area and take any measures necessary to ensure pre-project conditions are achieved. Erosion control measures will be utilized to insure adjacent waters of the United States are not impacted.

The statements contained herein do not convey any property rights, or any exclusive privileges, and do not authorize any injury to property or obviate the requirements to obtain other local, State or Federal assent required by law.

The District Engineer shall be notified promptly in writing at the commencement and completion of the work. The enclosed cards may be used for that purpose.

The enclosed Notice of Authorization must be posted at the site during construction of the permitted activity. If the scope of work or project location changes, you are urged to contact this office for a verification of this determination.

Please be advised that this jurisdictional determination reflects current policy and regulations. This Nationwide Permit authorization will expire March 19, 2007.

If you have any questions or require further information concerning this matter, please contact me at (251)694-3664.

For additional information about our Regulatory Program, please visit our web site at www.sam.usace.army.mil/RD/reg, and please take a moment to complete our customer satisfaction survey while you're there. Your responses are appreciated and will allow us to improve our services.

Sincerely,

Howard Ladner
Project Manager
Regulatory Division

Enclosure

Copy Furnished:

Alabama Department of
Environmental Management
Coastal Program Office
Attention: Mr. Scott Brown
4171 Commanders Drive
Mobile, Alabama 36615

URS
Attention: Jennie Agerton
400 Northpark Town Center
1000 Abernathy Road, Northeast Suite 900
Atlanta, Georgia 30328-5648



June 10, 2005

U.S. Army Corps of Engineers
Attention: Mr. Bill Bunkley/Regulatory
109 Saint Joseph Street
Mobile, Alabama 36602

**Re: Jurisdictional Number ALJ03-03372-C, Federal Emergency Management Agency Pre-Disaster Hazard Mitigation Grant Program,
Spanish Fort, Alabama Bluff Stabilization Project PDM-PJ-04-AL-2003-006**

Dear Mr. Bunkley,

This letter is intended to provide additional project information and to request a re-evaluation of the Spanish Fort Bluff Stabilization Project referenced above. The U.S. Army Corps of Engineers issued a No Permit Required for the proposed project by letter dated October 31, 2003. During an on-site survey of the project area on January 19, 2005, URS Group staff observed areas that unexpectedly exhibited typical wetland characteristics as described in the *U.S. Army Corps of Engineers' 1987 Wetland Delineation Manual*. Areas near the toe of the slope and on small benches along the bluff were noted as having hydrophytic vegetation, soils saturated within the upper twelve inches, and soils exhibiting low-chroma colors and reducing conditions. The hydrophytic vegetation observed included alder (*Alnus serrulata*), cane (*Arundinaria gigantea*), wax myrtle (*Myrica heterophylla*), and netted chain fern (*Woodwardia areolata*). Small seeps along the bluff appear to provide a source of saturations and are contributing to the stabilization problem. The stabilization problem would be addressed by the proposed project.

If you require additional information, please contact me at 678-808-8843.

Sincerely,

Jennie Agerton, Staff Biologist
URS Group, Inc.

Cc: William Straw, PhD, Regional Environmental Officer, FEMA Region IV

URS Corporation
400 Northpark Town Center
1000 Abernathy Road, NE
Suite 900
Atlanta, GA 30328
Tel: 678.808.8800
Fax: 678.808.8400



Baldwin County Emergency Management Agency

23100 McAuliffe Drive, Robertsedale, Alabama 36567

(251) 947-1011 Fax (251) 580-1616

Leigh Anne Ryals, Director

July 8, 2004

Mr. David L. Findley
US Army Corps of Engineers
P.O. Box 2288
Mobile, AL 36628-001

Dear Mr. Findley:

This is a second request for a letter of concurrence from your office regarding a project to restore and stabilize the Spanish Fort "Bluff" which has experienced erosion damage due to heavy rainfall.

The Baldwin County Emergency Management Agency is assisting the City of Spanish Fort in applying for funding through FEMA under a "Pre Disaster Hazard Mitigation Grant Program", to restore and stabilize the "Bluff".

The stabilization of the "Bluff" will be accomplished through the construction of four earth stability benches reinforced with a geosynthetic material. The purpose of this project is to protect as many as 14 homes along the bluff as well as the preservation of the remaining historic "Gunnery Mounds" constructed during the Civil War.

Should you have any questions or concerns please call me at (251) 947-1011.

Sincerely,

A handwritten signature in black ink, appearing to read "Leigh A. Ryals".

Leigh Anne Ryals, Director
Baldwin County Emergency Management

cc: Honorable Gregory A. Kuhlmann
Baldwin County Commission
Fema Grant File

preserveALA

ALABAMA HISTORICAL COMMISSION

August 19, 2004

Leigh Anne Ryals
Baldwin County Emergency Management Agency
23100 McAuliffe Drive
Robertsdale, AL 36567

RE: AHC 2003-1292
Restore & Stabilize Spanish Fort Bluff
Baldwin County

Dear Ms. Ryals:

The Alabama Historical Commission concurs that the above referenced project should not adversely effect cultural resources listed on or eligible for the National Register of Historic Places **provided that ALL ground disturbing activity occurs in the area that has experienced severe erosion damage.** Because known archaeological resources lie adjacent, a cultural resource assessment should be performed by a professional archaeologist before any ground disturbing activity on the top of the bluff is undertaken. The resulting report should be forwarded to our office for review and approval prior to initiation of gound disturbance on top of the bluff.


We appreciate your efforts to help us in preserving Alabama's non-renewable cultural resources. If you have questions or comments or if we may be of additional service, please contact Stacye Hathorn of our office and include the AHC project number referenced above.

Very truly yours,



Elizabeth Ann Brown
Deputy State Historic Preservation Officer

EAB/SGH/ sgh



LEE H. WARNER
Executive Director

468 South Perry Street
Montgomery, Alabama
36130-0900

tel 334 242-3184
fax 334 240-3477



DEPARTMENT OF THE ARMY

MOBILE DISTRICT, CORPS OF ENGINEERS

P.O. BOX 2288

MOBILE, ALABAMA 36628-0001

October 31, 2003

REPLY TO
ATTENTION OF:

Regulatory Branch
Operations Division

SUBJECT: No Permit Required - Jurisdictional Number
ALJ03-03372-C, Federal Emergency Management Agency
Pre-Disaster Hazard Mitigation Grant Program

Baldwin County Emergency
Management Agency
Attention: Ms. Leigh Anne Ryals
23100 McAuliffe Drive
Robertsdale, Alabama 36567

Dear Ms. Ryals:

Reference is made to your letter requesting a jurisdictional determination on property located in the City of Spanish Fort. Specifically, the property is located within Baldwin County, Alabama.

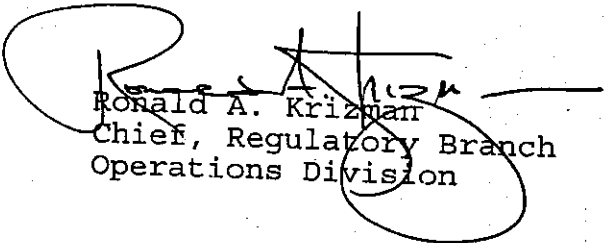
An in-office review conducted on October 29, 2003, revealed that a Department of the Army permit pursuant to Section 404 of the Clean Water Act will not be required to restore and stabilize the Spanish Fort bluff. The property is a nonwetland/upland area based upon the U.S. Army Corps of Engineers' 1987 Wetland Delineation Manual.

Please be advised that this jurisdictional determination reflects current policy and regulation and is valid for a period of 5 years from the date of this letter. If after the 5-year period this jurisdictional determination has not been specifically revalidated by the U.S. Army Corps of Engineers, it shall automatically expire. Should you disagree with this determination, the enclosed Notification of Applicant Options outlines the steps to take to file your objection.

The statements contained herein do not convey any property rights or any exclusive privileges, and do not authorize any injury to property or obviate the requirements to obtain other local, State, or Federal assent required by law for the activities discussed above.

If the scope of work or project location changes, you are urged to contact this office for a verification of this determination. Thank you for your cooperation with our permit program. If you have any questions concerning this matter, please contact Ms. Debra D. Archie of the Enforcement Section at (251) 694-3734.

Sincerely,



Ronald A. Krizman
Chief, Regulatory Branch
Operations Division

Enclosure

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: Baldwin County Emergency Management

File Number: ALJ03-03372-C

Date: 10/31/2003

Attached is:

	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	See Section below
	PROFFERED PERMIT (Standard Permit or Letter of permission)	A
	PERMIT DENIAL	B
XX	APPROVED JURISDICTIONAL DETERMINATION	C
	PRELIMINARY JURISDICTIONAL DETERMINATION	D
		E

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://usace.army.mil/inet/functions/cw/ccwo/reg> or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Mrs. Debra D. Archie
CESAM-OP-S
U.S. ARMY CORPS OF ENGINEERS
POST OFFICE BOX 2288
MOBILE, ALABAMA 36628-0001
(251) 694-3734

If you only have questions regarding the appeal process you may also contact:

MR. ARTHUR L. MIDDLETON, JR.
REGULATORY APPEAL REVIEW OFFICER
ROOM 9M15
60 FORSYTH STREET SOUTHWEST
ATLANTA, GEORGIA 30303-8801
(404) 562-5136

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.

Date: _____

Telephone number: _____

Transmittal Memorandum

October 6, 2005

MEMORANDUM TO: Joe Bonner, Mayor
City of Spanish Fort

FROM: Lawrence Frank, Senior Planner
URS Corporation

SUBJECT: Spanish Fort Archaeological Report

Attached below is the Archaeological Report our office prepared upon completion of our archaeological review of the proposed Pre-Disaster Mitigation Project in Spanish Fort and the resulting response from the Alabama Historical Commission (AHC). This letter is the first attachment.

Please note that the AHC agreed with the finding of the report and discussed two options:

- If the city selected the proposed design that impacted one of the two historic gunnery mounds on the site, it would have to conduct a Phase II testing. FEMA advised our office that it would not fund or reimburse this testing.
- If the city selected a design alternative that avoided the historic gunnery mounds, it would need to prepare a letter to our office indicating the selection of this option. We discussed the feasibility of a design alternative with the offices of the city's engineering firms, Volkert and Synergy, and they advised that such an option would cost approximately \$15,000.

Please indicate in a letter addressed to this office that copies both FEMA and the AHC, which alternative the city will select (addresses below). In all subsequent contracting the city enters into regarding this project, it must notify its contractors of any conditions required of the project resulting from AHC's and FEMA's review.

URS address:

Lawrence Frank
URS Corporation
400 Northpark Town Center
1000 Abernathy Road, NE; Suite 900
Atlanta, GA 30328

FEMA address:

William Straw
FEMA Region IV – Mitigation Division
3003 Chamblee-Tucker Road
Atlanta, GA 30341

AHC address can be found on the AHC letter provided below.

preserveALA

ALABAMA HISTORICAL COMMISSION

August 12, 2005

Patrick Smith
URS Group, Inc.
200 Orchard Ridge Drive, Suite 101
Gaithersburg, Maryland 20878

Re: AHC 2005-1196; Cultural Resource Assessment for FEMA, Spanish Fort Bluff Stabilization,
Baldwin County

Dear Mr. Smith:

Upon review of the cultural resource assessment submitted by your office, the Alabama Historical Commission has determined that we agree with the author's findings. Sites 1Ba576 and 1Ba77 are both potentially eligible for the National Register of Historic Places and should be avoided by project activities. If this option is not feasible, Phase II testing should be conducted. A detailed Phase II testing proposal should be forwarded to our office for review and comment prior to commencement of testing activities. Please advise your client to contact our office regarding which option they choose.

We appreciate your commitment to helping us preserve Alabama's non-renewable resources. Should you have any questions, please contact Amanda McBride of this office **and include the AHC tracking number referenced above.**

Very truly yours,



Elizabeth Ann Brown
Deputy State Historic Preservation Officer

EAB/ALM/alm

468 South Perry Street
Montgomery, Alabama
36130-0900

tel 334 242-3184
fax 334 240-3477

SK
SPD



CITY OF SPANISH FORT

Post Office Box 7226
Spanish Fort, Alabama 36577
(251) 626-4884
(251) 626-4880 Fax

City Council

Wanda W. Finch
Michael M. McMillan
Joseph W. Thomas
Thomas E. Sawyer
Mary W. Brabner

Joseph C. Bonner
Mayor

Mary Lynn Williams
City Clerk / Treasurer

January 3, 2006

Mr. William Straw
Federal Emergency Management Agency
3003 Chamblee-Tucker Road
Atlanta, Georgia 30341

RE: Spanish Fort Bluff

Dear Mr. Straw:

Enclosed is a certified copy of Resolution No. 376-2005, authorizing a contribution of a portion of the matching funds for the Pre-Disaster Mitigation Grant to stabilize the Bluff, to protect the gun emplacements on the bluff.

If you need any additional information, please give me a call at 251-626-4884.

Sincerely,

Mary Lynn Williams, MMC
City-Clerk

Enclosure

Cc: Steve Denham
Leigh Anne Ryals

RESOLUTION NO. 376-2005

A RESOLUTION AUTHORIZING A CONTRIBUTION OF A PORTION OF THE MATCHING FUNDS FOR THE PRE-DISASTER MITIGATION GRANT TO STABILIZE THE BLUFF

WHEREAS, Resolution No. 117-2000, adopted and approved on March 20, 2000, authorized the Mayor to file an application for a bluff stabilization study; and

WHEREAS, the engineering study has been completed with an estimate of Three Million Two Hundred Seventeen Thousand Four Hundred Twenty Seven Dollars (\$3,217,427.00) for the stabilization of the bluff; and

WHEREAS, the Baldwin County Emergency Management Agency is filing a Pre-Disaster Grant Application for the City of Spanish Fort "Bluff" restoration/stabilization; and

WHEREAS, Resolution No. 250-2003, adopted and approved on September 16, 2003, authorized the sum of Twenty-Five Thousand Dollars (\$25,000.00) to be paid toward the matching funds required if the Pre-Disaster Mitigation Grant is awarded; and

WHEREAS, the environmental study has been completed with an estimate of Fifteen Thousand Dollars (\$15,000.00) to avoid and protect the gun emplacements on the bluff; and

WHEREAS, the Mayor and City Council have determined that the protection of the Civil War Bunkers at the top of the Bluff is in the best interest of the health, safety and welfare of the citizens of the City of Spanish Fort; and

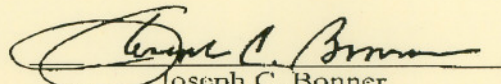
WHEREAS, the Mayor and City Council desire to contribute Fifteen Thousand Dollars (\$15,000.00) to protect the environment at the top of the Bluff.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF SPANISH FORT, ALABAMA, as follows:

Section 1. The City Council hereby authorizes the sum of Fifteen Thousand Dollars (\$15,000.00) to be paid for the protection of the gun emplacements on the bluff if the Pre-Disaster Mitigation Grant is awarded

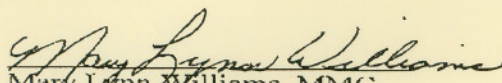
Section 2. This Resolution shall become effective upon its adoption.

ADOPTED AND APPROVED this 19th day of December, 2005.



 Joseph C. Bonner
 Mayor

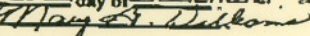
ATTEST:



 Mary Lynn Williams, MMC
 City Clerk

I, Mary Lynn Williams, as City Clerk of the City of Spanish Fort, Alabama, do hereby certify the foregoing to be a true and exact copy of RESOLUTION NO. 376-2005 and that the original of same appears on record in this office.

Witness my hand and seal this 19th day of December, 2005



 City Clerk of
 Spanish Fort, Alabama

DHS/FEMA Region IV
FIMD
3003 Chamblee-Tucker Road
Atlanta, Georgia 30341



Fax

To: Lawrence Franks **From:** Steve Denham

Fax: 678.8088400 **Pages:** 3 including cover

Phone: 678.808.8960 **Date:** Wed, February 01, 2006 11:55:46 AM

Re: SF Resolution **CC:**

Urgent For Review Please Comment Please Reply Please Recycle

● **Comments:**

→ email address: ^{nitabantt?} nitabantt@yahoo.com / BFWRC93@
 bellsoth.net

→ Fed Ex: 7581 Spanish fort Blvd.
~~36527~~ 36527



Baldwin County Soil and Water Conservation District

1504-C Highway 31 S. - Bay Minette, Alabama 36507
Phone (251) 937-3297 - Fax (251) 580-0026

October 16, 2003

Baldwin County Emergency Management agency
23100 McAuliffe Drive
Robertsdale, AL 36567

Re: Project to Restore and Stabilize the Spanish Fort "Bluff"

The Baldwin County Soil and Water Conservation District Board of Supervisors has no objections to the Baldwin County EMA assisting the City of Spanish Fort to apply through FEMA to restore and stabilize the "Bluff".

Baldwin County Soil and Water Conservation District

A handwritten signature in cursive script that reads "Bill Penry" with a small mark to the right.

Bill Penry, Chairman



"Roger Clay"
<rclay@dcnr.state.al.us>
07/21/2005 10:36 AM

To <Laurel_Key@URSCorp.com>
cc
bcc

Subject RE: Bluff stabilization impacts to migratory birds

History: This message has been forwarded.

Ms. Key,

I foresee no negative impacts on populations of any T/E species or migratory bird species.

There are two known bald eagle nests in the Mobile-Tensaw Delta north of the project area. These nests are approximately 5.5 and 6.5 miles from the site. Eagles enroute to feeding areas of the lower delta could occasionally be spotted.

Alabama redbelly turtle (*Pseudemys alabamensis*) is an endangered species found in the nearby delta waters. Females, of course, leave the water to lay their eggs. I do not recall ever encountering one along the roadway at the base of the bluff, but they are encountered with regularity on the Battleship Causeway.

Is any tree removal planned for the work to be done? There are some large trees at the site that could contain nests of one or more of our raptors that are common to the area. Any tree removal during nesting season should include a careful inspection of the tree(s) before removal.

As you are aware, the site is already greatly impacted from the deposition of stone and coverage of kudzu. Additional work at the site will make little impact on wildlife populations.

Please contact me if you have any further questions or need this information in another format.

Regards,

Roger Clay

Roger Clay
Alabama Division of Wildlife and Freshwater Fisheries
P.O. Box 247
Daphne, AL 36526
ph 251-626-5474 fix 251-621-1489

www.outdooralabama.com

-----Original Message-----

From: Laurel_Key@URSCorp.com [mailto:Laurel_Key@URSCorp.com]
Sent: Wednesday, July 20, 2005 3:35 PM
To: rclay@dcnr.state.al.us
Subject: Bluff stabilization impacts to migratory birds

Mr. Clay,

I spoke to you earlier on the phone with regards to the Environmental Assessment I am working on for the City of Spanish Fort. The city has applied for a Pre-Disaster Mitigation grant from FEMA to help stabilize and control erosion coming from the Spanish Fort bluff.

The bluff overlooks U.S. Highway 98 and the neighborhood of Old Spanish Fort Estates along Patrician Drive resides on top of the bluff. The proposed stabilization of the Spanish Fort bluff consists of the construction of a series of four stabilization berms or benches. Each bench would be designed using internal geosynthetic reinforcing to achieve the required global stability factor of safety. An extensive subsurface drainage system to control hydrostatic pressures beneath and behind the stability benches would also be included. The project would eliminate virtually all of the erosion loss in the project area, which is the cause of the bluff subsidence.

Do you anticipate this project having any impacts upon migratory and/or T & E species in the area (any "takings" and/or modification of essential habitat)?

Is this a known nesting area for these birds?

How far are the two eagle nests located from the bluff?

Is this area located in a flyway? If so, which one?

This is mainly the info that I need. I appreciate your help, and thank you for your time.

Sincerely,

Laurel Key
Environmental Scientist
URS Corporation
400 Northpark Town Center
1000 Abernathy Road, NE, Suite 900
Atlanta, GA 30328
Direct: 678-808-8932
Fax: 678-808-8400
laurel_key@urscorp.com

United States Department of Agriculture


Natural Resources
Conservation Service1504-C, Highway 31, South Bay Minette, Alabama 36507
(251) 937-3297 ext 3 FAX (251) 580-0026

July 16, 2004

Leigh Anne Ryals, Director
Baldwin County Emergency Management
23100 McAuliffe Drive
Robertsdale, Alabama 36507

Dear Ms. Ryals:

I would like to go on record as supporting the efforts to restore and stabilize the Spanish Fort "Bluff". I have witnessed this disaster for over 10 years as it continues to get worse and increase threats to homes and property. In addition to the problems on the bluff, sediment from the bluff ends up in Mobile Bay destroying valuable wetlands and wildlife habitat.



Larry Morris
District Conservationist



Baldwin County Emergency

231

Attachment 3A

(251) 947-1011 Fax # (251) 580-1616
Leigh Anne Ryals, Director

7 JF
y

03-1466

September 10, 2003

US Fish & Wildlife Service
US Department of Interior
Attn.: Mr. Larry Golden
P.O. Drawer 1190
Daphne, AL 36526

Dear Mr. Golden:

This is a request for a letter of concurrence from your office regarding a project to restore and stabilize the Spanish Fort "Bluff" which has experienced erosion damage due to heavy rainfall.

The Baldwin County Emergency Management Agency is assisting the City of Spanish Fort to apply for funding through FEMA under a "Pre-Disaster Hazard Mitigation Grant Program", to restore and stabilize the "Bluff".

The stabilization of the "Bluff" will be accomplished through the construction of four earth stability benches reinforced with a geosynthetic material. The purpose of this project is to protect as many as 14 homes along the bluff as well as the preservation of the remaining historic "Gunnery Mounds" constructed during the Civil War.

Should you have any questions or concerns please call me at (251) 947-1011.

Sincerely,

Leigh A. Ryals
Leigh Anne Ryals, Director
Baldwin County EMA

cc: Honorable Greg Kuhlmann, Mayor of Spanish Fort
Baldwin County Commission
FEMA Grant Application

No listed, proposed or candidate species present

Elaine Snyder
U.S. Fish & Wildlife Service Field Supervisor

9-30-03
Date



pgriggs@volkert.com (Griggs,
Paul)

09/21/2005 02:20 PM

To <Laurel_Key@urscorp.com>

cc <rmattox@synergyearthsys.com>,
<poconnor@volkert.com>, "Guy O' Connor"
<goconnor@volkert.com>,

bcc

Subject FW: Spanish Fort Bluff 105200.10

Dear Laurel,

In response to your inquiry regarding the gun emplacements on Spanish Fort Bluff, we have investigated and found there to be an impact by proposed construction as described in the attached memo. I discussed the situation with Bob Mattox of Synergy Earth Systems, and we have a proposed solution to revise the storm drainage to avoid the impact as described in the memo. There will be an additional construction cost of approximately \$15,000 to avoid the impact. Please call me, or Bob for any questions or discussion.

Regards, Paul

Paul H. Griggs, PE
Assistant Vice President
Volkert & Associates, Inc.



Spanish Fort Bluffs.doc

Ms. Laurel Key

In response to your email concerning the Spanish Fort bluffs, it has been determined that earthwork site #1 (as referred to in your email) would be impacted in the original design plan. In order to avoid direct impact to site #1, and its' buffer, some modification would be needed for the top-of-bluff ditch and drainage system in the vicinity of this gunnery mound. For this modification, our proposed ditch will need to end at approximately sta. 24+60. Additional drainage structures and the piping need for the avoidance modification connections are detailed below.

There is no direct impact on earthwork site #2, by the original planned construction.

Estimation of increase in construction costs:

1ct type D ditch bottom inlet	\$2800
2ct type C ditch bottom inlets	\$4400
80' of 24 pipe @ \$50/L.F.	\$4000
Plus 30% for incidental items	\$3360
 Approx. Total=	 \$15000



Baldwin County Emergency Management Agency

23100 McAuliffe Drive, Robertsdale, Alabama 36567
(251) 947-1011 Fax # (251) 580-1616
Leigh Anne Ryals, Director

September 10, 2003

Mr. David L. Findley
US Army Corps. of Engineers
P.O. Box 2288
Mobile, AL 36628-001

Dear Mr. Findley:

This is a request for a letter of concurrence from your office regarding a project to restore and stabilize the Spanish Fort "Bluff" which has experienced erosion damage due to heavy rainfall.

The Baldwin County Emergency Management Agency is assisting the City of Spanish Fort to apply for funding through FEMA under a "Pre-Disaster Hazard Mitigation Grant Program", to restore and stabilize the "Bluff".

The stabilization of the "Bluff" will be accomplished through the construction of four earth stability benches reinforced with a geosynthetic material. The purpose of this project is to protect as many as 14 homes along the bluff as well as the preservation of the remaining historic "Gunnery Mounds" constructed during the Civil War.

Should you have any questions or concerns please call me at (251) 947-1011.

Sincerely,

Leigh Anne Ryals, Director
Baldwin County EMA

cc: Honorable Greg Kuhlmann, Mayor of Spanish Fort
Baldwin County Commission
FEMA Grant Application

Old Spanish Fort Estates Property Owners and Addresses

	PROPERTY OWNER
118 Patrician Drive	Narca Fuller
120 Patrician Drive	David and Martha Vaughn
122 Patrician Drive	John and Linda Amburgey
124 Patrician Drive	Larry and Linda Kessler
126 Patrician Drive	Ann Fuller
128 Patrician Drive	John Word
132 Patrician Drive	Lawson and Prissy Wilkin
134 Patrician Drive	Tommy and Sharon Cain
Lot	Jack Zeiman
304 Patrician Drive	John and Dot Heider
306 Patrician Drive	Dwight Prouty
308 Patrician Drive	Hodge Alves
310 Patrician Drive	Richard and Jean Little
312 Patrician Drive	Michael Delaney

